APPLIED STOCHASTIC MODELS AND DATA ANALYSIS, VOL. 1, 144 (1985)

AUTHOR INDEX

Abikhalil, F., 55

Browne, L., 79

Dupont, P., 55

Garcia, H., 25
Guttman, L., 3

Janssen, J., 55

Kling, N. D., 79

Osaki, S., 65

Parisot, P., 35
Proth, J. M., 25

Robinson, E. J., 79

Saporta, G., 109
Schader, M., 11
Schmid, F., 11

Van Ossel, P., 55

Warnesson, I., 121

Yamada, S., 65

Zighera, J. A., 93

KEY WORD INDEX

Applied stochastic processes, 55, 65

Binary relations, 121

Cash bonds, 55
Clustering, 35
Clustering analysis, 121
Computational linguistics, 121
Conjoint analysis, 79
Correspondence analysis, 109

Data analysis, 3, 11, 25, 35

Expectation–maximization algorithm, 11

Graph theory, 121
Group technology, 25
Grouped data,11

Insurance agent,79

Karhunen–Loeve decomposition, 109

Martingales, 55
Mathematical statistics, 3

Maximum likelihood, 65
Maximum likelihood estimation, 11
Medical data, 35
Method of scoring, 11

Negative binomial distribution, 11
Neurology, 35
Newton–Raphson algorithm, 11
Non-hierarchical clustering, 25
Non-homogeneous, 65

Option pricing, 55
Ornstein–Uhlenbeck, 55

Poisson process, 65
Principal components, 109
Production management, 25

Securities, 55
Semantics, 121
Similarity aggregation, 35, 121
Software reliability, 65
Statistical inference, 3
Stochastic processes, 109
Synonymy, 121

APPLIED STOCHASTIC MODELS AND DATA ANALYSIS, VOL. 1, 144 (1985)

AUTHOR INDEX

Abikhalil, F., 55

Browne, L., 79

Dupont, P., 55

Garcia, H., 25
Guttman, L., 3

Janssen, J., 55

Kling, N. D., 79

Osaki, S., 65

Parisot, P., 35
Proth, J. M., 25

Robinson, E. J., 79

Saporta, G., 109
Schader, M., 11
Schmid, F., 11

Van Ossel, P., 55

Warnesson, I., 121

Yamada, S., 65

Zighera, J. A., 93

KEY WORD INDEX

Applied stochastic processes, 55, 65

Binary relations, 121

Cash bonds, 55
Clustering, 35
Clustering analysis, 121
Computational linguistics, 121
Conjoint analysis, 79
Correspondence analysis, 109

Data analysis, 3, 11, 25, 35

Expectation–maximization algorithm, 11

Graph theory, 121
Group technology, 25
Grouped data,11

Insurance agent,79

Karhunen–Loeve decomposition, 109

Martingales, 55
Mathematical statistics, 3

Maximum likelihood, 65
Maximum likelihood estimation, 11
Medical data, 35
Method of scoring, 11

Negative binomial distribution, 11
Neurology, 35
Newton–Raphson algorithm, 11
Non-hierarchical clustering, 25
Non-homogeneous, 65

Option pricing, 55
Ornstein–Uhlenbeck, 55

Poisson process, 65
Principal components, 109
Production management, 25

Securities, 55
Semantics, 121
Similarity aggregation, 35, 121
Software reliability, 65
Statistical inference, 3
Stochastic processes, 109
Synonymy, 121

Applied Stochastic Models and Data Analysis

Contents

VOLUME 1 NUMBERS 1 AND 2 1985

NUMBER 1

Editorial 1

STATISTICAL VALIDATION
L. GUTTMAN
The Illogic of Statistical Inference for Cumulative Science 3

STATISTICAL VALIDATION
Insurance, economics and finance
M. SCHADER AND F. SCHMID
Computation of M.L. Estimates for the Parameters of a Negative Binomial Distribution from Grouped Data. A Comparison of the Scoring, Newton–Raphson and E-M Algorithms 11

PRODUCTION, SCHEDULING, ROUTING AND INVENTORY
Non-hierarchical clustering
H. GARCIA AND J. M. PROTH
Group Technology in Production Management: The Short Horizon Planning Level 25

BIOMETRICS, MEDICINE AND HEALTH CARE
Data aggregation
P. PARISOT
Application of Similarity Aggregation Techniques to a Population of Paraplegic Patients 35

INSURANCE, ECONOMICS AND FINANCE
F. ABIKHALIL, P. DUPONT, J. JANSSEN AND P. VAN OSSEL
A Mathematical Model of Pricing in a Large System of Cash Bonds 55

RELIABILITY
Computer science
S. YAMADA AND S. OSAKI
Discrete Software Reliability Growth Models 65

NUMBER 2

INSURANCE, ECONOMICS AND FINANCE
N. D. KLING, L. BROWNE AND E. J. ROBINSON
Modelling the Independent Insurance Agent's Product Evaluation Strategy: an Application of Conjoint Analysis 79

STATISTICAL VALIDATION
Insurance, economics and finance
J. A. ZIGHERA
Partitioning Information in a Multidimensional Contingency Table and Centring of Log-linear Parameters 93

FACTOR ANALYSIS
Simulation, computational probability and statistics
G. SAPORTA
Data Analysis for Numerical and Categorical Individual Time-series 109

NATURAL LANGUAGE PROCESSING
Data aggregation
I. WARNESSON
Applied Linguistics: Optimization of Semantic Relations by Data Aggregation Techniques 121

BOOK REVIEWS 143

Author Index 144

Key Word Index 144